



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Authorizing City Manager to Approve Repair of GAC Treatment Vessels for DBCP Treatment at Well No. 4R by Gold Star Painting, of Turlock, CA (\$22,170)

MEETING DATE: May 21, 2008

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Adopt a resolution authorizing the City Manager to approve the time-sensitive repair of granulated activated carbon (GAC) treatment vessels for dibromochloropropane (DBCP) treatment at City drinking water Well No. 4R by Gold Star Painting, of Turlock, CA.

BACKGROUND INFORMATION: The City operates GAC treatment systems for the removal of DBCP at six of the City's 26 drinking water wells. The operation and maintenance of these systems is paid for under the terms of the DBCP settlement with Shell, DOW, et al. The GAC system at Well No. 4R was recently taken out of service for replacement of the spent carbon. Standard procedure includes inspecting the internal surfaces of the vessels. The under-drain coating was found to be in very poor condition. Since the vessels will not be opened for carbon replacement for the next six to seven years, the coating specialist recommended the interior of the vessels be sandblasted down to metal and recoated with the new technology epoxy coating for drinking water applications in order to avoid the possibility of major metal failure. Three informal bids were received from qualified contractors. Staff recommends award to Gold Star Painting, of Turlock, CA, for their low bid of \$22,170.

This well cannot be used without GAC treatment for DBCP. The drinking water system needs to have this well operational for upcoming hot weather demands since currently three other wells are off line – two with motor problems and one for carbon change-out. The process for preparation, repair, coating, and reassembly will take two to three weeks, and then the new carbon must be installed, flushed, and tested before the well can be put on line. The entire process could take up to five weeks, which would complete the process in late June.

Staff recommends Council authorize the City Manager to approve the time-sensitive repair of GAC treatment vessels for DBCP treatment at City drinking water Well No. 4R by Gold Star Painting.

FISCAL IMPACT: This project will be funded from the Water Utility DBCP Operations and Maintenance account. Revenues to fund this activity are reimbursed under the terms of the DBCP settlement. Therefore, the Water Fund is not fiscally impacted.

If the coating is not performed, the City has the following options: 1) keep the well out of service and jeopardize the reliability of the drinking and fire fighting water supply, or 2) operate the vessels without coating and risk major metal failure in the vessels, resulting in much more costly repairs.

FUNDING AVAILABLE: The \$22,170 is currently budgeted in the Water Utility Fund (180454).

Kirk Evans
Budget Manager

F. Wally Sandelin
Public Works Director

Prepared by Frank Beeler, Water/Wastewater Superintendent
FWS/FB/dg
cc: Charles E. Swimley, Jr., Water Services Manager

APPROVED: _____
Blair King, City Manager

RESOLUTION NO. 2008-_____

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE CITY
MANAGER TO APPROVE TIME-SENSITIVE REPAIR OF GRANULATED
ACTIVATED CARBON (GAC) TREATMENT VESSELS FOR
DIBROMOCHLOROPROPANE (DBCP) TREATMENT AT CITY DRINKING
WATER WELL NO. 4R

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WHEREAS, the City operates and maintains granular activated carbon (GAC) treatment systems for dibromochloropropane (DBCP) treatment at six of the City's 26 drinking water wells paid for under the terms of the DBCP settlement with Shell, DOW, et al; and

WHEREAS, the GAC at Well No. 4R was recently taken out of service for replacement of the spent carbon. Standard procedure includes inspecting the internal surfaces of the vessels, and the under-drain coating was found to be in very poor condition; and

WHEREAS, the vessels will not be opened again for the next carbon replacement for six to seven years, and the coating specialist recommended the interior of the vessels be sandblasted down to metal and recoated with the new technology epoxy coating for drinking water applications in order to avoid the possibility of major metal failure; and

WHEREAS, three informal bids were received from qualified contractors, and staff recommends award to Gold Star Painting, of Turlock, for their low bid of \$22,170.

NOW, THEREFORE, BE IT RESOLVED, by the Lodi City Council that the City Manager be authorized to approve the time-sensitive repair of the granulated activated carbon (GAC) treatment vessels for DBCP treatment at City drinking water Well No. 4R by Gold Star Painting, of Turlock, California, in the amount of \$22,170.

Dated: May 21, 2008

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I hereby certify that Resolution No. 2008-_____ was passed and adopted by the City Council of the City of Lodi in a regular meeting held May 21, 2008, by the following vote:

AYES: COUNCIL MEMBERS –

NOES: COUNCIL MEMBERS –

ABSENT: COUNCIL MEMBERS –

ABSTAIN: COUNCIL MEMBERS –

RANDI JOHL
City Clerk

2008-_____